

BACTERIOLOGICAL SAMPLE SITE SELECTION

All systems must sample according to a sample siting plan that the state has approved. A minimum of 10 sampling locations must be identified that are representative of the entire system. Each site must be numbered, and each site must list a specific address, street number, or a descriptive location. We **cannot** accept post office boxes. You must provide a map with all sites identified.

GUIDE TO BACTERIOLOGICAL SAMPLE SITE SELECTION

- Sampling points should be representative of the water in an area and located on a distribution main when possible. Sites may include looped water lines, storage facilities, high and low pressure zones and in some cases dead end lines.
- Sampling points should reflect the conditions of each different source of water entering the system. If four wells supply water to the system, select sampling points in each area.
- Select at least one sampling point where the source enters the system.
- Sample storage tanks during periods of high demand so water leaving the tank is collected, rather than water entering the tank.
- Consider locating more sampling points in populous areas.
- Never use faucets located in weeds, brush, bushes, or within approximately 12 inches of the ground.
- Never use faucets that leak or are dirty.
- Avoid chrome-plated fixtures, since heating can damage the finish.
- Do not use fire plugs as sampling points.
- Do not collect samples from inside washrooms or faucets.

Provide us with a written explanation if your water system is unable to provide at least 10 sites.